

XIV. *The Moths of the Lesser Antilles.* By SIR GEORGE
F. HAMPSON, Bart., B.A.

[Read June 1st, 1898.]

PLATE XVII.

IN a former paper * I gave an account of the moths belonging to the families *Epiplemidæ*, *Geometridæ*, *Pyralidæ* and *Sesiadæ* collected in the Lesser Antilles, chiefly St. Vincent and Grenada, by Mr. H. H. Smith, the account forming one of a series of papers descriptive of the insects collected on behalf of the Committee of the Royal Society and British Association appointed to explore the fauna and flora of the smaller West Indian islands. The present paper deals with all the other families of moths except the *Pterophoridæ*, *Tortricidæ* and *Tineidæ*, which will be dealt with by Lord Walsingham and complete the subject; in addition to the collections of Mr. Smith those made in St. Lucia and Dominica by Mr. W. H. Elliott are recorded.

Family—SYNTOMIDÆ.

PHEIA DAPHÆNA, sp. n.

♂. Head and thorax black; frons and vertex of head spotted with white; tegulæ, shoulders, and patagia with large crimson patches; fore coxæ, hind tibiæ at base, and 1st joint of tarsi white; abdomen black with two dorsal white patches on 1st segment followed by metallic green patches which extend laterally towards extremity; the 1st two segments ventrally white; wings hyaline, the veins and margins black. Forewing with crimson streaks below basal two-thirds of costa and above inner margin; a discocellular spot; the terminal band expanding very widely on apical area and below vein 2. Hindwing with the terminal band expanding widely towards apex and slightly below vein 2.

Hab. DOMINICA; SANTA LUCIA (*W. H. Elliott*). *Exp.*, 30 mill.

Antennæ of male serrate; hind tibiæ greatly dilated; forewing with vein 3 from angle of cell.

* A.M.N.H. (6), xvi, pp. 329-349 (1895).

COSMOSOMA DEMANTRIA, Druce, A.M.N.H. (6), xv,
p. 44 (1895).
Dominica.

COSMOSOMA HYPOCHEILUS, sp. n.

♂. Head black with some metallic blue on vertex; antennæ white at tips; thorax scarlet above, black below; legs with metallic blue on coxæ; abdomen orange scarlet with lateral black bands, with series of metallic blue spots on them, meeting at extremity and approximated at base of dorsum; paired black patches on ventral surface; the terminal segments black; wings hyaline, the veins and margins black. Forewing with fine scarlet streak below basal three-fourths of costa; the base scarlet emitting a short streak along inner margin; a discoidal black spot; a black patch more or less completely filling up the interspaces between veins 2 and 4; the apical area very widely black. Hindwing with some scarlet at base; a black patch in cell; the apical and inner areas black.

♀. With the black patch between veins 2 and 4 of forewing very much reduced or absent.

Hab. ST. VINCENT (Windward side). (*H. H. Smith*).
Exp., 30 mill.

Abdomen of male without ventral valve; hindwing with the lower part of cell normal, veins 2 and 4 rather shortly stalked.

SYNTOMEIDA SYNTOMOIDES, Boisd. Spéc. Gén. Lep., i,
pl. 16, f. 4 (1836).

Santa Lucia; Dominica (*W. H. Elliott*).

EUCEREON IMRIEI, Druce, P.Z.S., 1884, p. 322, pl.
25, f. 6.

Dominica.

EUCEREON CLEMENTSI, Schaus, Am. Lep., p. 10, pl. 1,
f. 25 (1892).

Santa Lucia.

Family—ARCTIADÆ.

Subfamily ARCTIANÆ.

HALISIDOTA PELLUCIDA, Sepp, Ins. Surin., ii, pl. 76
(1848).

St. Vincent.

PAREUCHÆTES CADAVEROSA, Grote, Proc. Ent. Soc.
Phil., v, p. 245 (1865).

St. Vincent.

ECPANTHERIA ERIDANUS, Cram., Pap. Exot., i, pl. 68,
G. (1775).

Dominica.

AMMALO FERVIDUS, Wlk., iii, 622 (1855).

St. Vincent.

Subfamily LITHOSIANÆ.

DEIOPEIA ORNATRIX, Linn., Syst. Nat., i, p. 511 (1758):
var. *pura*, Butl., Trans. Ent. Soc. Lond., 1877,
p. 360.

St. Vincent.

CYDOSIA HISTRIO, Fabr., Spec. Ins., ii, 203, 139.

Phalæna nobitella, Cram., Pap. Exot., iii, 128, p. 264, G.
St. Lucia; St. Vincent; Mustique I., Grenadines.

CISTHENE POLYZONA, Druce, Biol. Centr.-Am., Het., i,
p. 123, pl. 12, f. 13.

Dominica.

CISTHENE METOXIA, sp. n. (Pl. XVII, fig. 8).

Head and thorax fuscous; palpi, except 3rd joint, yellow; vertex of head and tegulæ yellow; pectus and legs yellow and fuscous; abdomen crimson, orange below; forewing fuscous; the costa and termen yellow; slight yellow streaks on subcostal and median nervures; an elongate patch on basal half of inner margin and a rounded patch at tornus. Hindwing fuscous with crimson streak below cell, in one specimen extending to beyond middle, in another with only its terminal portion present, in the 3rd quite obsolete; a crimson fascia on inner margin.

Male with the tornus produced to a pointed lobe, the inner area with a fold containing a tuft of long hair.

Hab. ST. VINCENT; GRENADA, Balthazar (*H. H. Smith*).
Exp., 16 mill.

PTYCHOGLENE XANTHOPLEURA, sp. n. (Pl. XVII, figs. 1, 15.)

♂. Dark brown slightly irrorated with yellow scales; sides of pectus and abdomen with orange fasciæ which almost meet above on 1st segment of abdomen. Hindwing with broad orange fascia from base to beyond cell; the inner margin orange. Under-side of both wings with some orange at base.

♀. With hardly a trace of orange irroration; abdomen with the lateral fasciæ very slight. Hindwing with the fasciæ in cell and on inner margin very slight and confined to basal area.

Hab. GRENADA, Balthazar, Mount Gay. (*H. H. Smith*).
Exp., ♂ 30, ♀ 36 mill.

Subfamily *NOLINÆ*.Genus *NEOSELCA*, nov.

Palpi short, obliquely upturned; antennæ bipectinate with moderate branches. Forewing with the cell very long, vein 2 curved from before its middle; 3 from before angle; 4, 5 separate; 6 from upper angle; 7, 8 stalked from 10, 9 absent; 11 from cell. Hindwing with vein 2 from well before angle of cell; 3, 4 separate; 5 obsolete from middle of discocellulars; 6, 7 stalked; 8 from middle of cell.

TYPE. *Nola minuta*, Druce. The genus will also include *N. melicerta*, Druce.

NEOSELCA MINUTA, Druce, Biol. Centr.-Am., Het., i, p. 140, pl. 13, f. 17.

Grenada—Balthazar.

HYBLÆA PUERA, Cram., Pap. Exot., pl. 103, ff. D, E.
St. Vincent (south end); Grenada—Mount Gay.

Family—*NOCTUIDÆ*.Subfamily *TRIFINÆ*.

HELIOTHIS ARMIGERA, Hübn., Samml. Eur. Schmett., Noct., ii, pl. 79, f. 370.

St. Vincent.

HELIOTHIS VIRESCENS, Fabr., Ent. Syst., iii, 30, 72.

St. Vincent; Union I., Grenadines; Grenada—Mount Gay, Balthazar; St. Lucia.

AGROTIS INCIVIS, Guen., Noct., i, 274.

St. Lucia; Grenada—Balthazar, Mount Gay.

LEUCANIA SOLITA, Wlk., ix, 99.

Grenada—Mount Gay.

LEUCANIA HUMIDICOLA, Guen., Noct., i, 90.

Grenada—Mount Gay, Mount Maitland.

LEUCANIA LOREYI, Dup., Lep. Fr., iv, p. 81, pl. 105, f. 7.

St. Vincent; Grenada—Mount Gay.

EUTHISANOTIA AMARYLLIDIS, Sepp, Ins. Surin., i, 63, pl. 28.

St. Lucia; St. Vincent.

CROPIA INFUSA, Wlk., xiii, 1116.

St. Lucia.

EUPLEXIA RESPONDENS, Wlk., xv, 1720.

St. Lucia.

EUPLEXIA CONCISA, Wlk., ix, 191.

St. Vincent.

EUPLEXIA CIRCUITA, Guen., Noct., i, p. 227.

St. Vincent (windward side); Grenada.

EUPLEXIA APAMEOIDES, Guen., Noct., i, p. 229.

Grenada—Mount Gay; St. Vincent.

EUPLEXIA SUTOR, Guen., Noct., i, p. 231.

Grenada—Balthazar; St. Vincent.

EUPLEXIA ALBIGERA, Guen., Noct., i, p. 228.

Grenada—Mount Gay; St. Vincent.

This species in the male has the palpi longer and tufted with hair on the inner side towards the extremity.

EUPLEXIA TERENS, Wlk., xi, 586.

Grenada—Balthazar, Mount Gay.

CUCULLIA ERIDANIA, Cram., Pap. Exot., pl. 358, F.

Grenada—Balthazar, Mount Gay. The variety *albula*, Wlk., occurs with the typical form in the same localities.

CUCULLIA DIMINUTA, Guen., Noct., i, p. 141.

St. Vincent.

CUCULLIA VITRINA, Wlk., xi, 718.

Grenada—Mount Gay.

This differs from typical species of *Cucullia* in being without the dorsal tufts on the abdomen and should probably be placed in a new genus.

PRODENIA COMMELINÆ, Sm., Abb. Lep. Georgia, ii, p. 189, pl. 95.

Grenada—Balthazar; St. Vincent.

ACRONYCTA ESULA, Druce, Biol. Centr.-Am., Het., i, p. 297, pl. 28, f. 1.

Grenada—Mount Gay.

CARADRINA MACRA, Guen., Noct., i, p. 157.

Grenada—Mount Gay, Balthazar.

CARADRINA EPOPEA, Cram., Pap. Exot., pl. 272, G, H.
St. Lucia; Grenada—Balthazar.

CARADRINA SPILOMELA, Wlk., xxxii, 648.

Grenada—Mount Gay. The variety *subaquila*, Harvey, occurs with the typical form, of which *conviva*, Harvey, is a synonym.

CARADRINA EXESA, Guen., Noct., i, p. 222.

Grenada—Mount Gay ; St. Vincent. Usually smaller and redder than the Florida specimens.

CARADRINA FUSCIMACULA, Grote, Bull. Geol. Surv., vi, 262.

Subsp. 1. Much more uniform rufous brown than the typical form. Forewing with the orbicular and reniform less prominent, the latter with fuscous spots in its upper and lower parts not conjoined ; the lines paler with the dark edges less prominent. Hindwing fuscous with a rufous tinge and distinctly whitish towards base.

Hab. ST. VINCENT ; GRENADA, Mount Gay.—VENEZUELA, Aroa ; BRAZIL. *Exp.*, 26 mill.

Subsp. 2. Much more uniform dark fuscous brown than the typical form, the thorax and forewing with slight rufous tinge ; the lines grey with the dark edges hardly visible ; hindwing uniform fuscous.

Hab. MEXICO, Coatepec. *Exp.*, 30 mill. (1 ♂, *Coll. Schaus.*)

The male of both the above forms has the underside of both wings irregularly suffused with dark scales to the middle as in the typical form, in which it differs from *grata*, Hübn.

CARADRINA TRISTICTA, sp. n. (Pl. XVII, fig. 2.)

Palpi of male with the 2nd and 3rd joints fringed in front with short downturned hair ; fore coxæ and femora thickly fringed with large scales above.

Pale yellowish rufous ; vertex of head, thorax and forewing irrorated with dark scales ; the scales on forelegs fulvous. Forewing with short waved fuscous sub-basal line ; an antemedial fuscous line not reaching inner margin, often reduced to spots ; a medial rufous line slightly angled below costa, then sinuous ; three small round white spots in end of cell ; a rufous postmedial line strongly angled beyond cell then sinuous ; veins 5 and 6 very strongly streaked with rufous ; a subterminal rufous line obtusely angled at vein 6 then incurved ; a prominent terminal series of black points. Hindwing yellowish white with traces of postmedial line excurved beyond cell ; some brownish terminal lunules.

Hab. HAITI ; GRENADA, Mount Gay. *Exp.*, 28 mill.

AMYNA OCTO, Guen., Noct., i, p. 233.

Grenada—Balthazar, Mount Gay.

CALLOPISTRIA FLORIDENSIS, Guen., Noct., ii, p. 292.

St. Lucia ; St. Vincent.

Subfamily ACONTIANÆ.

CORUBATHA QUADRIFERA, Zell., Verh. Zool.-Bot. Ges.

Wien., xxiv, p. 3, pl. 12, f. 2.

Grenada—Balthazar.

ATETHMIA REPANDA, Fabr., Ent. Syst., iii, 1, p. 462
(1793), *subusta*, Hübn., Zutr., ii, 205, 206.

St. Lucia ; Grenada—Mount Gay.

The variety *incidens*, Wlk., occurs with the typical form.

XANTHOPTERA TIGRIS, Guen., Noct., ii, p. 317.

Grenada—Mount Gay.

XANTHOPTERA NIGROFIMBRIA, Guen., Noct., ii, p. 241.

Grenada—Balthazar, Mount Gay.

OMMATOCHILA MUNDULA, Zell., Verh. Zool.-Bot. Ges.

Wien, xxii, 460, pl. 2, f. 4.

Grenada—Mount Gay.

OMMATOCHILA LATIPALPIS, Wlk., xv, 1763.

Grenada—Mount Gay.

The second joint of the palpi has very large tufts of scales on the inner side.

SPRAGUEIA TRANSMUTATA, Wlk., xxxiii, 776.

Grenada—Mount Gay.

SPRAGUEIA RUDISANA, Wlk., xxxiii, 776.

Grenada—Mount Gay.

SPRAGUEIA CANOFUSA, sp. n. (Pl. XVII, fig. 4).

Head and thorax dark brown suffused with olive grey scales ; abdomen brown. Forewing dark brown suffused with olive grey scales ; ill-defined whitish patches at base and middle of costa and a more prominent triangular white spot before apex ; faint traces of oblique antemedial and medial lines, and of a subterminal line ; an indistinct semicircular black mark beyond the cell, part of its lower edge defined by white ; a fine white line on medial part of termen and a dark line through the cilia. Hindwing brown ; cilia pale at tips.

Hab. JAMAICA (*Cockerell*); HAITI; GRENADA, Mount Gay (*H. H. Smith*).—BRAZIL, São Paulo (*Jones*). *Exp.*, 16 mill.

Genus TARACHIDIA, nov.

TYPE. *T. flavibasis*.

Palpi obliquely porrect, extending just beyond frons which has a rounded prominence truncate below; antennæ minutely ciliated; abdomen without dorsal tufts. Forewing with vein 7 from angle of cell; 8, 9 stalked; 10 from cell. Hindwing with veins 3, 4 stalked; 6, 7 from upper angle.

TARACHIDIA FLAVIBASIS, sp. n. (Pl. XVII, fig. 3).

♂. Head and tegulæ grey brown; thorax olive yellow; abdomen brown. Forewing with the basal half olive yellow with oblique outer edge; the terminal half brown with some greyish suffusion. Hindwing brown; cilia pale at tips. Underside brown.

Hab. GRENADINES, Union I. (*H. H. Smith*), one ♂. *Exp.*, 20 mill.

TARACHIDIA HOLOPHÆA, sp. n. (Pl. XVII, fig. 17).

♀. Grey-brown; palpi at base, pectus and ventral surface of abdomen white. Forewing with the basal area suffused with a few long yellow scales and a few more on medial terminal area, the rest of wing irrorated with white scales. Hindwing fuscous brown; cilia white at tips. Underside greyer.

Hab. GRENADINES, Union I. (*H. H. Smith*), one ♀. *Exp.*, 20 mill.

EUBLEMMA FLAMMICINCTA, Wlk., xxxiii, 801.

Grenada—Balthazar; St. Vincent.

EUBLEMMA ROSESCENS, sp. n. (Pl. XVII, fig. 9).

Head nearly pure white; antennæ yellowish and fuscous; tegulæ pale yellow; thorax and abdomen fulvous red, the latter with segmental white lines. Forewing rosy pink; the costal area yellow, narrowing to a point before apex; straight oblique rufous antemedial and medial lines, the latter diffused on inner side; the postmedial line fine, angled below costa, then sinuous; the terminal area bright rufous, expanding at middle and narrowing to apex; traces of a sinuous subterminal line with three dark points on it between veins 4 and 7. Hindwing pale yellow becoming rufous towards termen.

Hab. HAITI; ST. LUCIA; ST. VINCENT; GRENADA, Balthazar (*H. H. Smith*). *Exp.*, 22 mill.

Subfamily *PALINDIANÆ*.

PALINDIA ADDENS, Wlk., xv, 1768.

St. Lucia.

PALINDIA MICCA, Druce, Biol. Centr.-Am., Het., i, p. 319,
pl. 29, f. 22.

Grenada—Mount Gay.

Subfamily *EUTILIANÆ*.

PARACHORA ABYDAS, Herr.-Schäff., Auss.-eur. Schmett,
f. 565.

Grenada—Balthazar.

INGURA CANOFUSA, sp. n. (Pl. XVII, fig. 16).

Antennæ of male bipectinate with long branches, the apical part serrate; abdomen with dorsal tufts on 1st three segments.

♂. Head and tegulæ grey; thorax rufous brown; abdomen grey and rufous brown. Forewing grey, the basal, and inner area to post-medial line, yellowish; the basal area with patches of purple brown; an obscure dark waved antemedial line; faint traces of orbicular and reniform spots; the postmedial line double, minutely waved, strongly excurved beyond cell and with a fine black streak from its outer edge above vein 5; the terminal area purple brown with oblique greyish fascia across apical area and greyish apical patch. Hindwing fuscous with the interspaces below the cell whitish; three fine dark striæ on inner area above tornus; cilia mostly pale brown.

♀. Forewing with the basal and terminal areas darker, the grey areas more prominent.

Hab. ST. LUCIA; DOMINICA (*W. H. Elliott*). *Exp.*,
34 mill.

INGURA OBROTUNDA, Guen., Noct., ii, p. 312.

St. Lucia; St. Vincent (Windward side); Grenada—
St. George's, Balthazar.

EUTELIA RUFATRIX, Wlk., xv, 1775.

Grenada—Balthazar.

CASSANDRIA FILIFERA, Wlk., xi, 719.

St. Lucia.

Subfamily *STICTOPTERINÆ*.

STICTOPTERA TUMIDICOSTA, sp. n. (Pl. XVII, fig. 5).

Palpi with a tuft of hair on inner side of extremity of 2nd joint; hindwing with vein 8 arising from middle of cell; male with the

costa of forewing slightly arched beyond middle ; the costa of hindwing fringed with hair and strongly arched beyond middle ; the cell of forewing medial in position.

Grey brown ; head, thorax and forewing tinged in parts with pale ferruginous ; abdomen with two dorsal black marks on subterminal segment and a series of oblique black sublateral striæ. Forewing with black points forming traces of sub-basal, antemedial, medial and postmedial lines, the last excurved beyond cell, then incurved to lower angle ; a small incomplete discoidal black annulus ; a curved subterminal series of black points becoming larger towards inner margin ; a terminal series. Hindwing semihyaline white, the terminal area clouded with fuscous.

Hab. GRENADA, Balthazar. *Exp.*, 24 mill.

Subfamily *GONOPTERINÆ*.

COSMOPHILA EROSA, Hübn., Zutr., ff. 287, 288.

Grenada—Mount Gay.

COSMOPHILA EDITRIX, Guen., Noct., ii, p. 404.

St. Lucia ; Grenada.

COSMOPHILA PROPERANS, Wlk., xiii, 999.

Grenada—Mount Gay.

Subfamily *QUADRIFINÆ*.

EREBUS ODORATUS, Linn., Syst. Nat., x, 505.

St. Lucia, St. Vincent.

LETIS MYCERINA, Cram., Pap. Exot., pl. 172, B.

Grenada—Chantilly, Mount Gay ; St. Vincent ; St. Lucia.

PEOSINA PANDROSA, Cram., Pap. Exot., i, p. 122,
pl. 77, D.

Dominica.

POLYDESMAS SETIPES, Guen., Noct., iii, p. 7.

St. Lucia ; Grenada—Mount Gay, Chantilly, Balthazar. The specimen from St. Lucia belongs to the paler form *ustipennis*, Wlk., also one specimen from Balthazar with a black blotch on the inner area of the forewing.

POLYDESMAS LUNATA, Drury, Ill. Exot. Ins., p. 40,
pl. 20, f. 3.

Dominica ; Grenada—Mount Gay. The varieties *minerea*, Guen., *viridans*, Guen., and others occur with the typical form.

CATEPHIA SCRIPTURA, Wlk., xv, 1723; *transversalis*, Wlk., xv, 1734 (Pl. XVII, fig. 10).

Head and thorax pale brown irrorated with dark scales, the outer edge and tips of patagia dark; abdomen fuscous brown. Forewing clothed with rough shining pale yellow brown and purplish brown scales, the basal area darker especially on inner area; a fine waved black sub-basal line retracted to base below cell and with an oblique striga beyond its angle; a white point on lobe of inner margin; a fine sinuous black antemedial line angled outward above vein 1 and joined by a streak to the minutely waved postmedial line which is strongly excurved at middle; orbicular and reniform large and pale yellow brown; traces of a sinuous subterminal line crossed by three black streaks from *tenuen* above veins 1, 3 and 5; a sinuous terminal black line. Hindwing fuscous brown with slight black striga above tornus; cilia reddish brown; the base of wing and on underside the inner are whitish, a discoidal lunule and curved postmedial line also being present.

Hab. HAITI; DOMINICA. *Exp.*, 44 mill.

PSEUDOBENDIS OPISTOGRAPHA, Guen., Noct., iii, p. 212.
Grenada—Balthazar.

OPHIUSA TROPICALIS, Guen., Noct., iii, p. 238.
Grenada—Balthazar, Mount Gay.

MELIPOTIS FAMELICA, Guen., Noct., iii, p. 62.
Grenada—Balthazar, Mount Gay; Union Is.

MELIPOTIS NOVANDA, Guen., Noct., iii, p. 64.
Grenada—Mount Gay.

MELIPOTIS FASCIOLARIS, Hübn., Zutr., ff. 443, 444.
Grenada—Balthazar.

PANULA INCONSTANS, Guen., Noct., iii, p. 59.
Grenada—Mount Gay; St. Lucia. Numerous varieties.

PANULA SCINDENS, Wlk., xv, 1829.
Grenada—Mount Gay.

BANIANA VELUTICOLLIS, sp. n. (Pl. XVII, fig. 7).

Pale reddish brown; vertex of head, tegulæ and base of patagia rich chocolate brown; abdomen tinged with fuscous. Forewing irrorated with black and with numerous indistinct fine pale striæ; an obliquely curved pale antemedial line defined by rufous on outer side; a similar postmedial line angled inwards at vein 5; a pale-edged brown discoidal line; traces of a subterminal series of dark specks and a more prominent terminal series. Hindwing fuscous brown with traces of discoidal spot; cilia pale brown.

Hab. ST. LUCIA ; ST. VINCENT (*H. H. Smith*). *Exp.*,
22 mill.

POAPHILA LINEOLARIS, Hübn., Samml. eur. Schmett.,
f. 454.

Grenada—Mount Gay.

POAPHILA GARNOTI, Guen., Noct., iii, p. 306.

Grenada—Balthazar, Mount Gay ; St. Lucia.

POAPHILA CRUCIS, Fabr., Ent. Syst., iii, 2, p. 36 (1794),
immunis, Guen., Noct., iii, p. 305.

St. Vincent (Windward side).

REMIGIA REPANDA, Fabr., Ent. Syst., iii, 2, p. 49 (1794),
megas, Guen., Noct., iii, p. 317.

St. Vincent ; Grenada—Balthazar, Golden Grove.

REMIGIA LATIPES, Guen., Noct., iii, p. 314.

St. Lucia ; Dominica ; Grenada—Balthazar, Mount Gay.

EPIDROMIA POAPHILOIDES, Guen., Noct., iii, p. 215.

St. Lucia ; Grenada—Mount Gay.

THERMESIA INEXACTA, Wlk., xxxiii, 1038.

St. Lucia.

THERMESIA GEMMATALIS, Hübn., Zutr., ff. 153, 154.

St. Vincent ; Grenada—Mount Gay.

THERMESIA PAUCULA, Wlk., xv, 1838.

St. Vincent ; Grenada—Balthazar.

THERMESIA INCONCISALIS, Wlk., xxxiv, 1167.

Grenada—St. George's ; Grenadines—Union I.

AZETA VERSICOLOR, Fabr., Ent. Syst., iii, 2, p. 40 (1794),
repugnalis, Hübn., Zutr., Samml. Exot. Schmett.,
iii, p. 37, ff. 575, 576.

Grenada—Balthazar, Golden Grove ; Union Is.

GLYMPIS DAMOETASALIS, Wlk., xvi, 252.

Grenada—Mount Gay.

PLEONECTYPTERA PYRALIS, Hübn., Zutr., ff. 127, 128.

Grenada—Mount Gay. The yellow form without
rufous on outer area.

TERATOCERA ERYCATA, Cram., Pap. Exot., pl. 287, D,
and pl. 370, E.

St. Lucia ; Grenada—Balthazar.

AMPHIGONIA POSTPONENS, Wlk., xv, 1856.

Grenada—Balthazar, Mount Gay.

- BENDIS FORMULARIS, Hübn., Zutr., ff. 903, 904.
St. Lucia; St. Vincent; Grenada—Balthazar, Mount Gay.
- BENDIS PELIDNALIS, Hübn., Zutr., ff. 169, 170.
Grenada—Balthazar.
- ITONIA LIGNARIS, Hübn., Zutr., ff. 317, 318.
Grenada—Mount Gay.
- ORÆSIA EXCITANS, Wlk.
Grenada (Leeward side).
- ANOMIS ARGILLACEA, Hübn., Zutr., ff. 399, 400.
Grenada—Mount Gay. The purplish-red form of the species.
- GONODONTA SOROR, Cram., Pap. Exot., pl. 276, B.
St. Lucia.
- GONODONTA INCURVA, Sepp, Ins. Surin., ii, 201, pl. 89.
St. Lucia; Dominica; St. Vincent; Grenada—Balthazar, Mount Gay.
- PLUSIA ERIOSOMA, Doubl., Dieff., New Zealand, ii, p. 285.
Grenada—Mount Gay.
- PLUSIA VERRUCA, Fabr., Ent. Syst., iii, 2, 238.
Dominica; St. Vincent (Leeward side).
- CONCANA MUNDISSIMA, Wlk., xii, 940.
St. Lucia; St. Vincent; Grenada—Mount Gay.

Subfamily FOCILLINÆ.

- RAPARNA BREVIPENNIS, Wlk., xxxiii, 1039.
St. Lucia; Grenada—Mount Gay.
- RAPARNA LITURATA, Wlk., xxxiii, 1094.
Grenada—Mount Gay.
- RAPARNA EUPITHECIOIDES, Wlk., xv, 1593.
St. Vincent (Windward side).
- CAPNODES STEROPE, Cram., Pap. Exot., iv, pl. 309, E
and pl. 312, C.
Grenada—Mount Gay, Balthazar. Most of the specimens are ab. *rufinans*, Guen.
- CAPNODES SUBCINERASCENS, Wlk., xv, 1614.
St. Lucia; St. Vincent; Grenada (Windward side).

CAPNODES BIPUNCTATA, Wlk., xxxiii, 1048.

Grenada—Mount Gay.

CAPNODES DISTACTA, sp. n. (Pl. XVII, fig. 19).

Dark purplish brown; pectus, legs and ventral surface of abdomen whitish. Forewing with slight blue-grey suffusion; a straight antemedial dark line with white mark on it from costa to cell and two minute ochreous points on median nervure and vein 1; an obscure brown discoidal lunule; a minutely waved dark postmedial line with white spot on it at costa, excurved beyond cell, then incurved; traces of a waved subterminal line; a terminal series of dark lunules. Hindwing slightly suffused with blue-grey; a dark discoidal spot; the medial line slightly excurved at middle; an obscure dentate subterminal line with some dark points on it; a terminal series of dark lunules.

Hab. DOMINICA; GRENADA, Mount Gay; TRINIDAD.
Exp., 22 mill.

YRIAS QUADRISIGNATA, Wlk., xiii, 1073.

Grenada—Balthazar.

YRIAS PROGENIES, Guen., Noct., iii, p. 323.

Grenada—Balthazar, Caliveny.

SELENIS MONOTROPA, Grote, Can. Ent., viii, 207.

St. Lucia.

ISOGONA NATATRIX, Guen., Noct., iii, p. 323.

Grenada—Balthazar.

Subfamily DELTOIDINÆ.

BLEPTINA PENTHUSALIS, Wlk., xvi, 128.

Dominica; St. Vincent.

BLEPTINA THEROALIS, Wlk., xvi, 243.

Grenada—Balthazar, Mount Gay.

BLEPTINA ACASTUSALIS, Wlk., xvi, 122.

St. Lucia; Dominica; St. Vincent (Windward side):
Grenada—Balthazar, Mount Gay. Extremely
variable, the form *priassalis*, Wlk., occurs with
many others.

NODARIA TAGUSALIS, Wlk., xvi, 116.

Grenada—Mount Gay.

NODARIA MYNESALIS, Wlk., xix, 860.

St. Vincent; Grenada—Mount Gay.

NODARIA GRISEIRENA, sp. n. (Pl. XVII, fig. 13).

♂. Fore tibiæ and tarsi covered by a sheath enclosing flocculent hair ; antennæ knotted and tufted with hair at one-third from base ; forewing with a large depression on costal area at two-thirds from base, clothed with thick rough scales and covered by a fringe of hair from costa.

Dark brown. Forewing slightly irrorated with grey ; waved ante-medial, postmedial and subterminal lines, the first defined on inner side, the two latter on outer with white, becoming brownish toward costa, the postmedial line slightly angled below costa and the post-medial and subterminal lines excurved at median nervules ; the orbicular represented by a black speck ; the reniform with black centre and pale-brownish outline ; male with the medial area suffused with ochreous below the depression ; a terminal series of black and white lunules. Hindwing with white-edged dark medial and sub-terminal lines obsolescent except towards inner margin ; a terminal series of black and white lunules. Underside with the costal half of forewing and whole of hindwing largely suffused with white, the latter with the lines and a discoidal spot prominent.

Hab. ST. VINCENT (Windward side) ; GRENADA, Mount Gay, Balthazar (*H. H. Smith*). *Exp.*, 24 mill.

TORTRICODES ALUCITALIS, Guen., Delt. et Pyr., p. 73.
St. Vincent (Windward side).

TORTRICODES ORNEODALIS, Guen., Delt. et Pyr., p. 73.
St. Vincent ; Grenada—Mount Gay.

PALTHIS BIZIALIS, Wlk., xix, 865.
St. Vincent ; Grenada—Balthazar.

Genus DREPANOPALPIA, nov.

Palpi of male with the 1st joint reaching vertex of head and angled with scales in front, the 2nd joint about twice length of head, recurved over it and fringed with scales in front, the 3rd about twice length of head, curving forward and fringed with scales in front and behind ; antennæ with cilia and bristles ; fore tibiæ and tarsi covered by a sheath enclosing flocculent hair. Forewing with vein 8 given off from 7 and anastomosing with 9 which arises from 10 to form an areole. Hindwing with vein 5 from below middle of discocellulars ; 6, 7, shortly stalked.

Palpi of female with the 2nd joint oblique, straight, about three times length of head, with a small triangular tuft of scales on its inner side at extremity, the 3rd upturned acuminate with small triangular tuft on its outer side.

DREPANOPALPIA POLYCYMA, sp. n. (Pl. XVII, fig. 14).

Dull brown. Forewing with ante- and postmedial minutely waved black lines, the former slightly excurved below cell, the latter strongly excurved from below costa to vein 2; orbicular and reniform black-edged, the former with brownish centre, the latter with whitish; traces of a waved subterminal line; a terminal series of minute dark lunules. Hindwing with traces of waved medial and subterminal lines; a terminal series of dark points.

Hab. ST. LUCIA (*W. H. Rotherham*). *Exp.*, 24 mill.

Genus PSEUDCRASPEDIA.

Hmpsn., Journ. Bombay Soc., 1898, *ined.*

PSEUDCRASPEDIA MELANOSTICTA, sp. n. (Pl. XVII, fig. 6).

Pale grey-brown. Forewing with black point on costa near base; antemedial blackish points on costa and below cell; medial points on costa and discocellulars, and three brownish points on costa towards apex; traces of waved postmedial and subterminal lines; a terminal series of dark points. Hindwing with black points on discocellulars and below angle of cell; traces of waved postmedial and subterminal lines; a terminal series of dark points.

Hab. ST. VINCENT, Kingston. (*H. H. Smith*). *Exp.*, 12 mill.

Rather smaller and paler than *P. punctata* from Sikhim and with the dark points somewhat differently placed; it is however very closely allied to it and in structure identical.

Genus DITROGOPTERA, nov.

Palpi short upturned, not reaching vertex of head, the 2nd joint fringed with hair towards extremity, the 3rd minute; antennæ of female almost simple; legs long and slender, the spurs long. Forewing with vein 6 from below angle of cell; 7 from angle; 8, 9 stalked; 10 from cell; 11 anastomosing with 12 the outer margin excised below apex; hindwing with veins 3, 4 from angle of cell; 5 from below middle of discocellulars; 6, 7 stalked; the outer margin bilobed, being deeply excised between veins 5 and 6, then oblique and the inner margin short.

DITROGOPTERA TRILINEATA, sp. n. (Pl. XVII, fig. 20).

♀. Grey-brown. Forewing with grey antemedial line excurved at median nervure and outlined on each side with fuscous; a dark

medial line excurved in cell ; a small pale-edged black lunule at lower angle of cell ; the postmedial line pale, outlined with fuscous very oblique towards costa, excurved beyond cell, then somewhat sinuous ; traces of a waved subterminal line ; grey-edged black spots on costa and termen, one at apex being larger. Hindwing with dark medial line with white outer edge almost obsolete except on inner area ; a series of grey-edged terminal black spots.

Hab. ST. VINCENT (*H. H. Smith*). *Exp.*, 14 mill.

HYPENA VETUSTALIS, Guen., Delt. et Pyr., p. 35.

St. Vincent ; Grenada—Mount Gay.

HYPENA ANDRONA, Druce, Biol. Centr.-Am., Het., i,
p. 434, pl. 35, f. 12.

Dominica.

HYPENA PACIFICALIS, Wlk., xvi, 45.

Grenada—Mount Gay ; St. Vincent (Windward side).

HYPENA EXOLETALIS, Guen., Delt. et Pyr., p. 29.

Grenada—Mount Gay ; St. Lucia.

HYPENA OBDITALIS, Wlk., xvi, 48.

Grenada—Balthazar, Mount Gay.

HYPENA LIVIDALIS, Hübn., Eur. Schmett., v, ff. 11, 186.

Grenada—Mount Gay.

CHUSARIS LUNIFERA, Butl., P. Z. S., 1878, p. 492.

St. Vincent ; Grenada—Balthazar.

CHUSARIS BISINUATA, sp. n. (Pl. XVII, fig. 18).

♂. Palpi extending about the length of head ; antennæ fasciculate.

Head and thorax reddish-brown ; abdomen greyish-fuscous, the anal tuft pale. Forewing reddish-brown irrorated with dark scales ; two pale discoidal points ; a pale postmedial line strongly excurved beyond upper and lower angles of cell then oblique ; an obscure sinuous white subterminal line with some black spots on it below costa. Hindwing fuscous.

Hab. GRENADA, Balthazar (*H. H. Smith*). *Exp.*, 14 mill.

RHÆSENA ABARUSALIS, Wlk., xix, 869.

Grenada—Balthazar, Mount Gay.

RHÆSENA NEALCESALIS, Wlk., xix, 883.

Dominica.

Family HYPSIDÆ.

LAURONA VINOSA, Drury, Ill. Ex. Ent., i, pl. 23, f. 4.
St. Lucia; St. Vincent.

Family SATURNIADÆ.

AUTOMERIS OBLONGA, Wlk., vi, 1296.
Grenada.

ATTACUS ERYCINA, Shaw, Nat. Misc., vii, pl. 230 (1797).
St. Vincent.

Family SPHINGIDÆ.

Subfamily CHÆROCAMPINÆ.

PHILAMPELUS LINNEI, Grote and Rob., Proc. Ent. Soc.
Philad., v, p. 182, pl. 3, f. 3 (1865).
Grenada.

CHÆROCAMPA TERSA, Linn., Mant. Plant., p. 508 (1771).
Grenada—Balthazar.

CHÆROCAMPA NECHUS, Cram., Pap. Exot., ii, pl. 178, B.
St. Lucia.

Subfamily SPHINGINÆ.

ANCERYX FASCIATA, Swains., Zool. Ill., iii, pl. 150, f. 2
(1823).
St. Lucia; St. Vincent.

DILOPHONOTA ÆNOTRUS, Stoll, Pap. Exot., iv, pl. 301,
C. (1780).
Grenada—Mount Gay.

AMPHONYX MEDOR, Stoll, Pap. Exot., iv, pl. 394, A
(1782).
Grenada—Grenville.

AMPHONYX DUPONCHELI, Poey, Cent. Lep., pl. iv
(1832).
St. Lucia.

PROTOPARCE LUCETIUS, Stoll, Pap. Exot., iv, pl. 301,
B (1780).
St. Vincent; Grenada—Mount Gay.

Subfamily *MACROGLOSSINÆ*.

ENYO LUGUBRIS, Linn., Mant. Plant., p. 537 (1771).
St. Lucia ; Grenada (Leeward side).

Family *NOTODONTIDÆ*.

RHUDA FOCULA, Stoll, Pap. Exot., iv, pl. 383, G, H
(1782).
Dominica.

NYSTALEA EBALEA, Stoll, Pap. Exot., iv, pl. 310, C
(1781).
St. Lucia.

NYSTALEA GUTTIPLENA, Wlk., xi, 635.
St. Lucia ; Dominica.

CHADISRA PUNCTATA, Stoll, Pap. Exot., iv, pl. 307, F.
Dominica.

HEMICERAS LINEA, Guen., Noct., ii, p. 381.
Dominica.

Family *LIMACODIDÆ*.

SEMYRA COARCTATA, Wlk., v, 1131 (1855).
St. Vincent (Windward side) ; Grenada—Mount Gay.

ORTHOCRASPEDA BISTRIGATA, sp. n. (Pl. XVII, fig. 21).
♂. Antennæ pectinated to apex. Dull brown with a greyish
tinge. Forewing with some whitish scales along median nervure ;
a short dark-brown streak below middle of median nervure, and
longer streak in end of cell ; a pale bisinuate postmedial line.

Hab. ST. LUCIA ; GRENADINES, Mustique I. (*H. H.*
Smith). *Exp.*, 24 mill.

Family *COSSIDÆ*.

DUOMITUS PUNCTIFER, sp. n. (Pl. XVII, fig. 11).

♂. Grey ; head and thorax mixed with dark brown ; antennæ
rufous ; tegulæ dark brown. Forewing whitish irrorated with dark
brown ; dark brown strigæ forming obscure sub-basal, antemedial,
medial and four postmedial series ; a series of small dark spots on
costa ; a diffused discoidal patch with brown spot at its lower ex-
tremity below base of vein 2 ; an obscure subterminal spot on vein
3. Hindwing whitish with faint traces of striæ.

One specimen is browner with the markings obscured.

Hab. DOMINICA (*Elliott*); ST. LUCIA; ST. VINCENT; GRENADA, Mirabeau, Balthazar, Mount Gay (*H. H. Smith*). *Exp.*, 30-54 mill.

GIVIRA PULVEROSA, sp. n. (Pl. XVII, fig. 12).

Brownish grey; abdomen dorsally tinged with fuscous. Forewing with some small rufous spots on costal area, in cell, an ante-medial series and a cluster below middle of vein 2; brown striæ on inner and terminal areas, and obscure subterminal and terminal series of small spots. Hindwing fuscous-brown with traces of striæ and terminal series of spots.

Hab. ST. LUCIA; ST. VINCENT (Windward side); GRENADA (Windward side) (*H. H. Smith*). *Exp.* 40 mill.

Family PSYCHIDÆ.

OIKETICUS KIRBYI, Guild., Trans. Linn. Soc., xv, p. 375, pl. 6, 7 (1827).
St. Lucia.

EXPLANATION OF PLATE XVII.

[See explanation facing the PLATE.]